

Mining Company

TIER 4 POWER GENERATORS

THE GOAL Implement equipment in compliance with Tier 4 standards to meet the latest environmental regulations.

- FREQUENT CHALLENGES**
- **Costly equipment upgrades**
 - **Downtime during transitions**
 - **Fines while not compliant**
 - **Lack of capital to purchase equipment outright**

THE SOLUTION A Texas based construction company with a mining division reached out to HOLT Industrial Rentals® for a temporary power solution to support their work at the Grindstone Plant, located outside of Fort Worth, TX. They needed to keep the Grindstone project moving while also abiding by the EPA regulations, which would require several Tier 4 generators.

“Waiting for permanent equipment to be up and running would have caused serious delays, making temporary power the most efficient and effective solution.

– Brian Rice, Director of Operations, HOLT Industrial Rentals

With a wide range of Tier 4 generators, from 30kW-2000kW, as well as the option of an onsite assessment, HOLT Industrial Rentals proved to be the best solution for their dilemma. Following the assessment of the client’s power challenge, the HOLT Industrial Rentals service technician recommended new Tier 4 XQ2250 and Tier 4i 800kw units, as well as 500kw units to keep the Grindstone Plant fully operational.

HOLT Industrial Rentals implemented an EPA compliant solution, optimizing capital expenditures. Taking advantage of HOLT Industrial Rentals’ option for long-term rentals, the grindstone plant has multiple Tier 4 generators, ranging in output capacity from 200kw - 2000kw. The solution will remain in place for one year to ensure their project is compliant until a more permanent solution is implemented.

EQUIPMENT UTILIZED



CAT XQ2250
1825 ekW (2280 kVA)
60 Hz
480/227 V



CAT XQ800
800 ekW (1000 kVA)
60 Hz
480 V



CAT XQ500
500 ekW (625 kVA)
60 Hz
480 V

DID YOU KNOW?

As the population of Texas continues to rise, regulations set forth by the Environmental Protection Agency (EPA) have tightened in an effort to limit pollution from increased human activity. One such EPA regulation mandates that diesel generators meet Tier 4 requirements, using Clean Diesel technology, in order to be operated legally. Tier 4, which is the most stringent regulation, requires a 90% reduction in the emission of Diesel Particulate Matter (DPM) and Nitrogen Oxide (NOx).

Industrial power, climate control, and compressed air.

MORE THAN EQUIPMENT. SOLUTIONS.

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